In the Claims:

CLAIMS

We claim:

1 through 15. (Cancelled)

16. (Currently amended) A method for manufacturing a skateboard deck, the method comprising the steps of:

forming a first layer of graphite cloth by taking a piece of graphite cloth, the graphite cloth comprising graphite cloth fiber and a laminating resin therein;

applying a second layer of the graphite cloth to the first layer;

determining a thickness of the deck by determining a number of layers the deck should ~~must~~ have according to the weight of an end user, and conditions under which the deck will be used, using a singularity function;

repeating the steps of forming and applying until the determined number of layers are used, forming the determined thickness;

inserting the determined thickness of graphite layers into a mold; and

subjecting the mold to a combination of heat and vacuum for a time sufficient for the laminating resin to cure and manufacture the skateboard deck, the deck having at least two regions where a truck will be attached thereto, the deck having a deflection, the deflection being at a maximum at a region of the deck that is halfway between the regions where the trucks will be attached, thereby creating a downward force when the skateboard is used for cornering that maintains control of the skateboard.

17. (Original) The method as described in claim 16, wherein the heat is a temperature ranging from approximately 200 degrees F. to approximately 600 degrees F.

18. (Original) The method as described in claim 17, wherein the heat is a temperature ranging from approximately 250 degrees F. to approximately 300 degrees F.

19. (Original) The method as described in claim 18, wherein the heat is a temperature of approximately 250 degrees F.

20. (Original) The method as described in claim 16, wherein the vacuum is between approximately 20 - 50 psi.

21. (Original) The method as described in claim 16, wherein the deck is cured for between approximately one and approximately 4 hours.

22. (Original) The method as described in claim 21, wherein the deck is cured for between approximately two and approximately 3 hours.

23. (Original) The method as described in claim 22, wherein the deck is cured for between approximately two and one-half hours.

24. (Original) The method as described in claim 17, wherein the deck further comprises an additional layer, the additional layer comprising fiberglass and the laminating resin, the additional layer being the deck bottom.

25. (Cancelled)

26. (Cancelled)

27 through 33. (Cancelled)